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U. S. Department of Agriculture
Statistical Reporting Service
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Economic Development
Division of Agr'l. Statistics
Agricultural Extension Service
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 4/20/64

Week Ending 4/20/64

WEATHER Temperatures averaged from two to five degrees above normal across the State. The beginning of the week was cool and was accompanied by widespread rains that were mixed with snow in the west and north central. Midweek was very warm with mid-eighties in the Panhandle and low nineties elsewhere, reaching 94° at Grand Island on Thursday. Widespread rains and cooler temperatures returned over the weekend.

Precipitation averaged less than one-quarter inch in the west and north central portions, an inch from the south central to the northeast, and an inch and a half elsewhere in the east. Thundershowers over the weekend brought local amounts exceeding three inches in the east central. There were several windy days.

CROPS Field activity progressed rapidly during the past week. Planting of spring grains moved rapidly with about 45 percent of the oats planted, but far behind the 94 percent planted on this same date a year earlier. Stalk cutting, fertilizing and preparation of fields for planting of corn and sorghum took place in most parts of the State with some areas delayed by wet soils.

Planting of sugar beets and potatoes moved rapidly in the Upper Platte Valley and most of the beet crop has been planted in Burt county--a new area.

Winter wheat made excellent development in the eastern part of the State and high temperatures at mid-week caused the crop to "green" in the western area. Subsoil moisture supplies in the eastern two-thirds of the State are extremely short and timely rains will be needed to keep the crop coming along. Week-end rains over parts of the central and eastern third have improved the moisture situation. Plants are tillering rather heavily in the eastern third of the State.

Some pre-season irrigation is being done on land that will be planted to corn and sorghum. Supplies of water in reservoirs have been improved by recent snows in the mountain watersheds. The current outlook indicates an adequate supply unless the summer season is extremely dry. Pastures "greed" rapidly as a result of the higher temperatures, but lack of moisture has delayed growth of grasses. Range feed continues in short supply, although cool season grasses have started growth. Ranchers continue to feed rather heavily and do not expect to move cattle to summer pastures until later than usual.

LIVESTOCK Wide fluctuation in temperatures as well as some snow and rain caused hardship during the calving period, but so far losses have been limited. The calving season has passed the halfway point. Spring litter sizes of sows farrowing are reported to be near average or above. Most feed lot cattle have made good to outstanding gains.

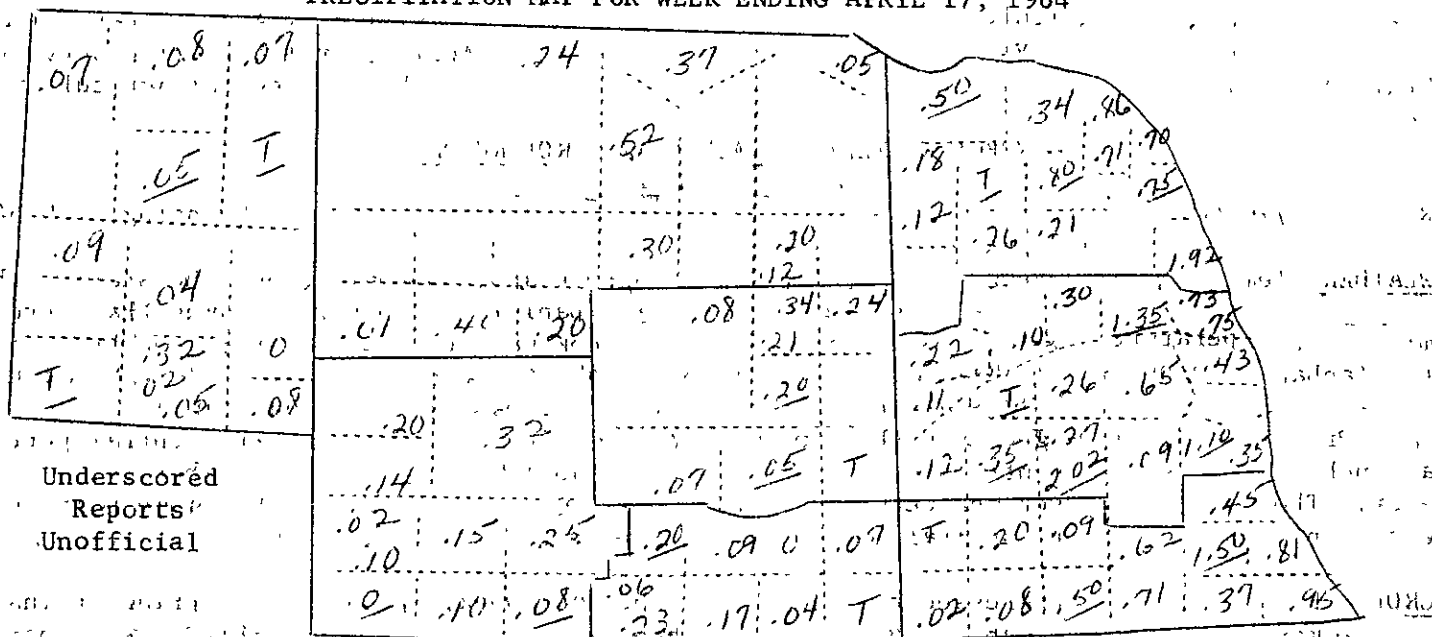
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING APRIL 20, 1964

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.81	Burwell		Chadron	.02
Lincoln	.45	North Platte	.16	Imperial	T
Norfolk	.83	Valentine	T	Scottsbluff	.02
Omaha	1.14			Sidney	T
Sioux City	.54				

Precipitation, April 1 - April 17, 1964

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.09	.16	.49	.18	.30	.16	.11	.33
Total since April 1	1.81	1.14	1.50	.84	1.08	1.40	.49	.94
Normal since April 1	.99	1.08	1.29	1.09	1.29	1.00	1.11	1.32

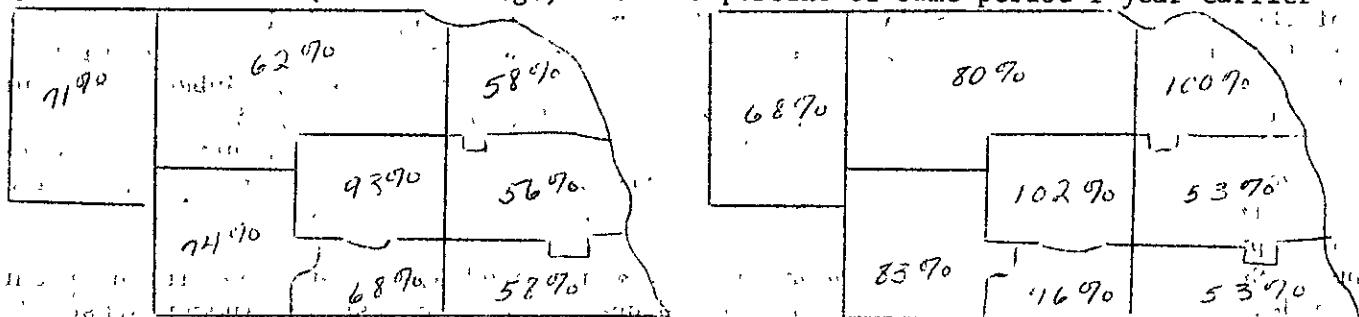
PRECIPITATION MAP FOR WEEK ENDING APRIL 17, 1964



PRECIPITATION SINCE LAST GROWING SEASON OCTOBER 1963 - MARCH 1964

As percent of normal (1931-1960 Avg.)

As percent of same period 1 year earlier



Dry weather prevailed during the fall and winter season with precipitation well below normal except in the central division where more generous amounts during February and March brought them up to near normal for the October to March period. Slightly above normal amounts in February and March were also received in the southwest and south central divisions but elsewhere the dry conditions continued right up to April.

HIGHEST AND LOWEST TEMPERATURE (Highs for 24 hours ending at 12:01 a.m., and lows for 12 hours ending at 6:00 a.m., CST)

		April 14th		15th		16th		17th		18th		19th		20th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	51	33	65	43	78	56	84	31	47	39	60	34	57	40
	Scottsbluff	49	33	65	40	75	42	83	30	50	32	62	36	60	42
	Sidney	48	25	64	40	76	34	83	31	51	29	57	33	65	42
NC	Burwell	53	33	61	33	80		91	48	54	35	59	39	61	
	Valentine	52	34	61	37	79	50	90	37	49	36	59	39	56	44
NE	Norfolk	55	37	59	41	80	48	90	48	53	37	58	40	59	47
	Sioux City	56	39	60	39	82	48	89	53	56	39	61	44	63	49
CEN	Grand Island	58	37	63	42	82	51	94	50	57	41	61	39	58	47
EC	Lincoln	59	39	60	45	82	56	91	59	59	41	63	46	56	46
	Omaha	56	38	60	44	83	49	90	56	65	42	60	44	60	48
SW	Imperial	53	30	65	36	78	33	86	37	52	28	56	38	59	44
	North Platte	54	33	62	34	78	38	88	39	52	31	57	40	59	

U. S. Department of Agriculture
211 P. O. Building, Box 1911
Lincoln, Nebraska 68501
Official Business

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